

**ABSTRACT**

A computer-implemented method and system for identifying key images in a document is provided. The operations used include extracting one or more document keywords from the document considered important in describing the document, collecting one or more images associated with the document including information describing each image, generating a proximity factor for each image collected from the document and each document keyword that reflects the degree of correlation between the image and the document keyword, and determining the importance of each image according to an image metric that combines the proximity factors for each document keyword and image pair. In addition, the operations may also include ordering the document keywords according to an ordering criterion and weighting the proximity factor associated with each document keyword and image pair based on the order of the document keyword.

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